

AMENDMENTS TO THE CLAIMS
PURSUANT TO WAIVER OF 37 CFR § 1.21

1. (currently amended) A composition comprising an isolated and purified peptide defined by an amino acid sequence selected from the group consisting of SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:14, and SEQ ID NO:15, and portions thereof SEQ ID NO:16, and a portion thereof, wherein said portion is at least five amino acids in length.

2. (currently amended) The composition of Claim 1, wherein said peptide is specific for the C5a receptor suitable for reduction of C5a binding to neutrophils.

3-11. (previously canceled)

12. (new) A composition comprising:

- a) an isolated and purified C-terminal truncated C5a peptide that is between five and fifty amino acids in length, and
- b) adjuvant or buffered saline.

13. (new) The composition of Claim 12, wherein said C-terminal truncated C5a peptide is selected from the group consisting of ~~SEQ-ID-NO:4, SEQ-ID-NO:5, SEQ ID NO:14, SEQ ID NO:15, and SEQ-ID-NO:16:~~

14. (new) The composition of Claim 12, wherein said adjuvant is selected from the group consisting of agar beads, aluminum hydroxide, aluminum phosphate, incomplete Freund's, Quil A, Gerbu and bacterin.

15. (new) The composition of Claim 12, wherein said peptide is suitable for reduction of C5a binding to neutrophils.

16. (new) A composition comprising:
- a) an isolated and purified variant C-terminal truncated C5a peptide that is between five and fifty amino acids in length, and
 - b) adjuvant or buffered saline.

17. (new) The composition of Claim 16, wherein said variant C-terminal truncated C5a peptide is selected from the group consisting of SEQ ID NOS:20-74.

18. (new) The composition of Claim 16, wherein said adjuvant is selected from the group consisting of agar beads, aluminum hydroxide, aluminum phosphate, incomplete Freund's, Quil A, Gerbu and bacterin.

19. (new) The composition of Claim 16, wherein said peptide is suitable for reduction of C5a binding to neutrophils.

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